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1 **Web knowledge extraction for improving search**
   Katsumi Tanaka
   January 2008 ICUIMC '08: Proceedings of the 2nd international conference on Ubiquitous informati
               management and communication
   Publisher: ACM
   Full text available: 📄 pdf(773.72 KB)   Additional Information: full citation, abstract, references, index terms

   Bibliometrics: Downloads (6 Weeks): 36,   Downloads (12 Months): 61,   Citation Count: 0
       In this paper, we describe the extraction of Web knowledge from Web search engines and their
       usage for improving conventional Web search, such as supporting user's recall of vocabulary (qu
       keywords), evaluation (quality, trustworthiness etc.) of search ...

       Keywords: knowledge extraction, re-ranking, relational databases, social bookmark,
       trustworthiness, web search

2 **Improving Web search efficiency via a locality based static pruning method**
   Edleno S. de Moura, Célia F. dos Santos, Daniel R. Fernandes, Altigran S. Silva, Pavel Calado, Maric
   Nascimento
   May 2005   WWW '05: Proceedings of the 14th international conference on World Wide Web
   Publisher: ACM
   Full text available: 📄 pdf(175.01 KB)   Additional Information: full citation, abstract, references, cited by, index term:

   Bibliometrics: Downloads (6 Weeks): 9,   Downloads (12 Months): 83,   Citation Count: 6
       The unarguably fast, and continuous, growth of the volume of indexed (and indexable) documer
       on the Web poses a great challenge for search engines. This is true regarding not only search
       effectiveness but also time and space efficiency. In this paper ...

       Keywords: indexing, information retrieval, pruning, search engines, web search

3 **Improving search in a hypothetical reasoning system**
   Richard A. Hagen, Abdul Sattar, Scott Goodwin
   February 2003 ACSC '03: Proceedings of the 26th Australasian computer science conferenc
               Volume 16, Volume 16
   Publisher: Australian Computer Society, Inc.
   Full text available: 📄 pdf(234.85 KB)   Additional Information: full citation, abstract, references, cited by, index term:

   Bibliometrics: Downloads (6 Weeks): 0,   Downloads (12 Months): 0,   Citation Count: 1

Nonmonotonic reasoning has been a field of vigorous study for a quarter of a century with pract implementations emerging during the last 15 years. Improving the efficiency of these systems is important step in them gaining acceptance beyond the ...

4   Improving search strategies: an experiment in best-first parsing
Hans Haugeneder, Manfred Gehrke
August 1988 Proceedings of the 12th conference on Computational linguistics - Volume 1,
             Volume 1
Publisher: Association for Computational Linguistics
Full text available: pdf(504.08 KB)   Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 2,   Downloads (12 Months): 6,   Citation Count: 0

Viewing the syntactic analysis of natural language as a search problem, the right choice of parsi strategy plays an important role in the performance of natural language parsers. After a motival of the use of various heuristic criteria, a framework ...

5   Improving global numerical optimization using a search-space reduction algorithm
Vinicius Veloso de Melo, Alexandre Claudio Botazzo Delbem, Dorival Leao Pinto, Junior, Fernando Marques Federson
July 2007   GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary
             computation
Publisher: ACM
Full text available: pdf(344.00 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 12,   Downloads (12 Months): 106,   Citation Count: 0

We have developed an algorithm for reduction of search-space, called Domain Optimization Algorithm (DOA), applied to global optimization. This approach can efficiently eliminate search-space regions with low probability of containing a global optimum. ...

Keywords: genetic algorithms, heuristics, metaheuristics, optimization

6   Improving web search ranking by incorporating user behavior information
Eugene Agichtein, Eric Brill, Susan Dumais
August 2006 SIGIR '06: Proceedings of the 29th annual international ACM SIGIR conference on
             Research and development in information retrieval
Publisher: ACM
Full text available: pdf(268.04 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 109,   Downloads (12 Months): 654,   Citation Count: 6

We show that incorporating user behavior data can significantly improve ordering of top results real web search setting. We examine alternatives for incorporating feedback into the ranking process and explore the contributions of user feedback compared ...

Keywords: implicit relevance feedback, web search, web search ranking

7   Improving web site search using web server logs
Jin Zhou, Chen Ding, Dimitrios Androutsos
October 2006 CASCON '06: Proceedings of the 2006 conference of the Center for Advanced Studies
             Collaborative research

Publisher: ACM
Full text available: pdf(271.61 KB) htm(1.91 KB) Additional Information: full citation, abstract, references, index ter

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 128, Citation Count: 0

> Despite the success of global search engines, web site search engines are still suffering from po
> performance. Since a web site is different from the whole web in link structure, access pattern,
> data scale, it is not always successful when the ...

8   Improving the performance of multidimensional search using fingers
    Amalia Duch, Conrado Martínez
    December 2005 Journal of Experimental Algorithmics (JEA), Volume 10
    Publisher: ACM
    Full text available: pdf(805.18 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 99, Citation Count: 0

> We propose two variants of K-d trees where *fingers* are used to improve the performance of
> orthogonal range search and nearest neighbor queries when they exhibit locality of reference. T
> experiments show that the second alternative yields ...

> Keywords: Finger search, K-d trees, experimental algorithmics, locality, multidimensional data
> structures, nearest-neighbors searching, orthogonal range searching

9   Search-based determination of refactorings for improving the class structure of object-orien
    systems
    Olaf Seng, Johannes Stammel, David Burkhart
    July 2006   GECCO '06: Proceedings of the 8th annual conference on Genetic and evolutionary
                computation
    Publisher: ACM
    Full text available: pdf(330.40 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 132, Citation Count: 4

> A software system's structure degrades over time, a phenomenon that is known as software dec
> or design drift. Since the quality of the structure has major impact on the maintainability of a
> system, the structure has to be reconditioned from time to ...

> Keywords: design heuristics, evolutionary algorithms, refactoring, software metrics

10 On improving local website search using web server traffic logs: a preliminary report
    Qing Cui, Alex Dekhtyar
    November 2005 WIDM '05: Proceedings of the 7th annual ACM international workshop on Web
                 information and data management
    Publisher: ACM
    Full text available: pdf(372.73 KB)   Additional Information: full citation, abstract, references, cited by, index term:

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 73, Citation Count: 3

> In this paper we give a preliminary report on our study of the use of web server traffic logs to
> improve local search. Web server traffic logs are, typically, private to individual websites and as
> such -- are unavailable to traditional web search engines ...

> Keywords: Markov decision process, PageRank, local web search, probabilistic automata, web
> search, web traffic logs

11 Improving collection selection with overlap awareness in P2P search engines

Matthias Bender, Sebastian Michel, Peter Triantafillou, Gerhard Weikum, Christian Zimmer
August 2005 SIGIR '05: Proceedings of the 28th annual international ACM SIGIR conference on
Research and development in information retrieval
Publisher: ACM
Full text available: pdf(247.19 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 27, Downloads (12 Months): 145, Citation Count: 8

Collection selection has been a research issue for years. Typically, in related work, precomputed
statistics are employed in order to estimate the expected result quality of each collection, and
subsequently the collections are ranked accordingly. Our ...

Keywords: distributed IR, overlap estimation, peer-to-peer information systems, query routing

12 On improving wikipedia search using article quality

Meiqun Hu, Ee-Peng Lim, Aixin Sun, Hady Wirawan Lauw, Ba-Quy Vuong
November 2007 WIDM '07: Proceedings of the 9th annual ACM international workshop on Web
information and data management
Publisher: ACM
Full text available: pdf(270.29 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 172, Citation Count: 0

Wikipedia is presently the largest free-and-open online encyclopedia collaboratively edited and
maintained by volunteers. While Wikipedia offers full-text search to its users, the accuracy of its
relevance-based search can be compromised by poor quality ...

Keywords: collaborative authoring, quality-aware search, wikipedia

13 Improving Identification of Latent User Goals through Search-Result Snippet Classification

Kuan-Yu He, Yao-Sheng Chang, Wen-Hsiang Lu
November 2007 WI '07: Proceedings of the IEEE/WIC/ACM International Conference on Web
Intelligence
Publisher: IEEE Computer Society
Full text available: pdf(869.49 KB)   Additional Information: full citation, abstract, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 48, Citation Count: 0

In this paper, we propose an enhanced approach to improving our previous method which emplc
syntactic structures (verb-object pairs) to identify latent user goals. Our new approach employs
supervised-learning method to learn hint verbs and considers ...

14 Improving GA search reliability using maximal hyper-rectangle analysis

Chongshan Zhang, Khaled Rasheed
June 2005 GECCO '05: Proceedings of the 2005 conference on Genetic and evolutionary computat
Publisher: ACM
Full text available: pdf(383.72 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 11, Citation Count: 0

In Genetic algorithms it is not easy to evaluate the confidence level in whether a GA run may ha
missed a complete area of good points, and whether the global optimum was found. We accept
but hope to add some degree of confidence in our results ...

Keywords: genetic algorithms, maximal hyper-rectangle, optimization

15 Improving personalized web search using result diversification
Filip Radlinski, Susan Dumais
August 2006 SIGIR '06: Proceedings of the 29th annual international ACM SIGIR conference on
        Research and development in information retrieval
Publisher: ACM
Full text available: pdf(153.00 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 138, Citation Count: 1

We present and evaluate methods for diversifying search results to improve personalized web
search. A common personalization approach involves reranking the top N search results such tha
documents likely to be preferred by the user are presented ...

Keywords: personalized web search, result diversity

16 Merging storyboard strategies and automatic retrieval for improving interactive video searc
Michael G. Christel, Rong Yan
July 2007   CIVR '07: Proceedings of the 6th ACM international conference on Image and video
        retrieval
Publisher: ACM
Full text available: pdf(298.67 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 83, Citation Count: 0

The Carnegie Mellon University Informedia group has enjoyed consistent success with TRECVID
interactive search using traditional storyboard interfaces for shot-based retrieval. For TRECVID
2006 the output of automatic search was included for the first ...

Keywords: TRECVID results analysis, video retrieval

17 Improving web search results using affinity graph
Benyu Zhang, Hua Li, Yi Liu, Lei Ji, Wensi Xi, Weiguo Fan, Zheng Chen, Wei-Ying Ma
August 2005 SIGIR '05: Proceedings of the 28th annual international ACM SIGIR conference on
        Research and development in information retrieval
Publisher: ACM
Full text available: pdf(326.20 KB)   Additional Information: full citation, abstract, references, cited by, index term

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 144, Citation Count: 4

In this paper, we propose a novel ranking scheme named Affinity Ranking (AR) to re-rank searc
results by optimizing two metrics: (1) diversity -- which indicates the variance of topics in a gro
of documents; (2) information richness -- which measures ...

Keywords: affinity ranking, diversity, information retrieval, information richness, link analysis

18 Improving intranet search-engines using context information from databases
Christoph Mangold, Holger Schwarz, Bernhard Mitschang
October 2005 CIKM '05: Proceedings of the 14th ACM international conference on Information and
        knowledge management
Publisher: ACM
Full text available: pdf(65.23 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 5,   Downloads (12 Months): 55,   Citation Count: 0

Information in enterprises comes in documents and data bases. From a semantic viewpoint, bot kinds of information are usually tightly connected. In this paper, we propose to enhance commo search-engines with contextual information retrieved from databases. ...

Keywords: context, intranet search

19 Improving relevance judgment of web search results with image excerpts

Zhiwei Li, Shuming Shi, Lei Zhang
April 2008   WWW '08: Proceeding of the 17th international conference on World Wide Web
Publisher: ACM
Full text available: pdf(1.07 MB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 53,   Downloads (12 Months): 53,   Citation Count: 0

Current web search engines return result pages containing mostly text summary even though th matched web pages may contain informative pictures. A text excerpt (i.e. snippet) is generated selecting keywords around the matched query terms for each ...

Keywords: dominant image, image excerpts, usability, user interface, web search

20 A hybrid parallel-window/distributed tree algorithm for improving the performance of search related tasks

Shubha Nerur, Diane J. Cook
May 1994   IEA/ AIE '94: Proceedings of the 7th international conference on Industrial and
              engineering applications of artificial intelligence and expert systems
Publisher: Gordon and Breach Science Publishers, Inc.
Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Citation Count: 0